

1-11. (CANCELED)

12. (CURRENTLY AMENDED) A braking method for a vehicle, for use as a safety measure and replacement function in the event that a working brake system of the vehicle fails, ~~in particular a X-by-wire brake system;~~ ✓

in which the vehicle is braked ~~with help of~~ by a transmission ~~by means~~ ✓  
~~of a defined~~ via engagement of frictional shift elements until the vehicle is substantially ✓  
at rest, and a combination of frictional shift elements engaged when the working brake ✓  
system of the vehicle fails[[,]] does not correspond to a shift logic of a gear during ✓  
normal driving operation of the vehicle [[and]], the method comprising the steps of: ✓

engaging at least one additional frictional shift element of the ✓  
transmission, starting from a gear engaged at a time when the vehicle's working brake ✓  
system fails, ~~at least one additional frictional shift element of the transmission is~~ ✓  
engaged in such manner that drive wheels of the vehicle undergo one of a maximum ✓  
or a specified braking, but such that the vehicle's drive wheels are not locked while an  
actual speed of the vehicle is greater than a defined value,

setting one of a shifting pressure or a torque ~~is set at~~ of an additionally ✓  
engaged first frictional shift element ~~engaged additionally~~ compared with the normal ✓  
shift logic, [[a]] with the set shifting pressure or torque ~~to be set;~~ being determined as ✓  
a function of one or more of a brake pedal actuation force, ~~an ACC-radar sensor~~ ✓  
~~(distance control unit)~~ a distance to another vehicle and an actual speed of the vehicle. ✓

13. (CURRENTLY AMENDED) The braking method for a vehicle according to  
claim 12, ~~wherein~~ further comprising the step of, as soon as the failure of the vehicle's ✓  
working brake system ~~has been~~ is recognized, automatically braking the vehicle is ✓  
~~automatically braked~~ by means of the transmission. ✓

14. (CURRENTLY AMENDED) The braking method for a vehicle according to  
claim 12 ~~wherein~~ further comprising the step of, if the vehicle's working brake system ✓

fails, automatically braking the vehicle ~~is automatically braked~~ by the transmission ☒  
 [[when]] upon actuation of a vehicle brake pedal ~~is actuated~~. ☒

15. (CURRENTLY AMENDED) The braking method for a vehicle according to claim 12, ~~wherein~~ further comprising the step of engaging, as a function of ~~the vehicle's~~ ☒  
an actual speed of the vehicle, a respective shift element combination ~~is engaged~~; ☒  
 whereby optimum or maximum vehicle braking is achieved with a least possible stress ☒  
 on the transmission or frictional shift elements of the transmission.

16. (CURRENTLY AMENDED) The braking method for a vehicle according to claim 12, ~~wherein~~ further comprising the step of ~~a shift takes place to a second~~ ☒  
~~additional frictional shift element of the transmission compared with the normal shift~~ ☒  
 logic, when a limiting thermal load of an additionally engaged first frictional shift ☒  
 element, ~~engaged additionally compared with normal shift logic~~, is reached, engaging ☒  
a second additional frictional shift element of the transmission to assist with braking of ☒  
the vehicle. ☒

17. (CURRENTLY AMENDED) The braking method for a vehicle according to claim 12, ~~wherein~~ further comprising the step of shifting ~~a shift to a higher or lower gear~~ ☒  
 with a different combination of frictional shift elements ~~takes place~~; when a limiting ☒  
 thermal load of an additionally engaged first frictional shift element, ~~engaged~~ ☒  
~~additionally compared with normal shift logic~~, is reached. ☒

18. (CURRENTLY AMENDED) The braking method for a vehicle according to claim 12, wherein the transmission further includes a separate frictional shift element ☒  
acting on a drive output of the transmission and the method further comprising the step ☒  
of additionally braking the vehicle ~~is braked additionally or alternatively~~ by actuating one ☒  
~~of two~~ at least one of another additional frictional shift element[[s]] in the transmission ☒  
 or [[a]] the separate frictional shift element acting on a drive output of the transmission. ☒

19. (CURRENTLY AMENDED) The braking method for a vehicle according to claim 12, ~~wherein~~ further comprising the step of, once the vehicle is substantially at ☒

rest, automatically engaging[[,]] one or more of a parking lock of the transmission and a parking brake of the vehicle ~~is automatically engaged~~. ✓

20. (CURRENTLY AMENDED) A braking method for a vehicle having one of a change-under-load transmission, a continuously variable transmission, an automated shift transmission or a dual clutch transmission, ~~the method for use as a safety measure and replacement function~~ in the event that a working brake system of the vehicle fails, ~~in particular a X-by-wire brake system~~, ✓

in which the vehicle is braked ~~with help of~~ by a transmission by ~~means of a defined~~ engagement of frictional shift elements until the vehicle is substantially at rest, and a combination of frictional shift elements engaged when the working brake system of the vehicle fails[[,]] does not correspond to a shift logic of a gear during normal driving operation of the vehicle ~~[[and]]~~, the method comprising the steps of: ✓

starting from a gear engaged at a time when the vehicle's working brake system fails, engaging at least one additional frictional shift element of the transmission ~~is engaged~~ in such manner that drive wheels of the vehicle undergo one of a maximum or a specified braking, but such that the vehicle's drive wheels are not locked while an actual speed of the vehicle is greater than a defined value, ✓

setting one of a shifting pressure or a torque ~~is set at~~ for an additional engaged first frictional shift element, ~~engaged additionally~~ compared with the normal shift logic, ~~[[a]] with the set~~ shifting pressure or torque ~~to be set~~, being determined as a function of one or more of a brake pedal actuation force, ~~an ACC radar sensor (distance control unit)~~ a distance to another vehicle and an actual speed of the vehicle. ✓

21. (CURRENTLY AMENDED) A braking method for a vehicle, for use as a safety measure and replacement function in an event that a ~~X-by-wire~~ brake system of the vehicle fails, the vehicle is braked ~~with help of~~ by a transmission by ~~means of a defined~~ engagement of frictional shift elements until the vehicle is substantially at rest, and a combination of frictional shift elements engaged when the working brake system ✓

of the vehicle fails[[,]] does not correspond to a shift logic of a gear during normal driving ✓  
 operation of the vehicle, the method comprising the steps of[[:]]: ✓

engaging at least one additional frictional shift element of the transmission,  
 starting from a gear engaged at a time when the vehicle's working brake system fails,  
 in such manner that drive wheels of the vehicle undergo one of a maximum or a  
 specified braking, but such that the vehicle's drive wheels are not locked while an actual  
 speed of the vehicle is greater than a defined value,

setting one of a shifting pressure or a torque [[at]] for an additionally ✓  
engaged first frictional shift element, ~~engaged additionally~~ compared with the normal ✓  
 shift logic, [[and,]] with the set shifting pressure or torque being determined as a function ✓  
of one or more of a brake pedal actuation force, a distance to another vehicle and an ✓  
actual speed of the vehicle. ✓

~~determining one of a shifting pressure or torque to be set, as a function~~ ✓  
~~of one or more of a brake pedal actuation force, an ACC-radar sensor (distance control~~ ✓  
~~unit and an actual speed of the vehicle.~~ ✓